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Implementation of Visual Emosense - Analyzing Emotion using Real Face

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Abstract: *In the ever-evolving world of technology, the ability to decipher human emotions through facial expressions has become a pivotal element. Understanding these subtle cues not only unveils the emotions hidden within us but also opens doors to a plethora of applications in the realm of human-computer interaction. In this article, we delve into the fascinating world of machine perception and its profound impact on our daily lives. Facial expressions depict emotions and produce information on the personalities and thoughts of people. The machine performs different tasks constantly in order to increase its use in public. Machines that are able to understand emotions can be used to execute a wide range of tasks. Machines today are in a perpetual quest to understand and interpret emotions displayed through facial expressions. This continuous effort stems from the realization that the ability to discern emotions can revolutionize their role in society. Gone are the days when machines merely executed pre-programmed tasks. Now, they aspire to be empathetic and intuitive, making them more versatile and adaptable. Machines today are in a perpetual quest to understand and interpret emotions displayed through facial expressions. This continuous effort stems from the realization that the ability to discern emotions can revolutionize their role in society. Gone are the days when machines merely executed pre-programmed tasks. Now, they aspire to be empathetic and intuitive, making them more versatile and adaptable*

Keywords: Facial expressions, Xception, model, InceptionV3, Convolutional Neural Network